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10 30 50
 CACGCGTCCGCGGGCGCGGCCGAGAACCCCGCAATCTTTGCGCCACAAAATACACCGA
 70 90 110
 CGATGCCCCGATCTACTTTAAGGGCTGAAACCCACGGGCCTGAGAGACTATAAGAGCGTTC
 130 150 170
 CCTACCGCCATGGAACAACGGGGACAGAACGCCCCGGCCGCTTCGGGGGGCCCGGAAAAGG
M E O R G O N A P A A S G A R K R
 190 210 230
 CACGGCCCCAGGACCCAGGGAGGCGCGGGGAGCCAGGCCTGGGCCCCGGGTCCCCAAGACC
H G P G P R E A R G A R P G P R V P K T
 250 270 290
 CTTGTGCTCGTTGTGCGCCGCGGTCTGCTGTTGGTCTCAGCTGAGTCTGCTCTGATCACC
L V L V V A A V L L L V S A E S A L I T
 310 330 350
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 Q Q D L A P Q Q R A A P Q Q K R S S P S
 370 390 410
 GAGGGATTGTGTCCACCTGGACACCATATCTCAGAAGACGGTAGAGATTGCATCTCCTGC
 E G L C P P G H H I S E D G R D C I S C
 430 450 470
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 K Y G Q D Y S T H W N D L L F C L R C T
 490 510 530
 AGGTGTGATTTCAGGTGAAGTGGAGCTAAGTCCCTGCACCACGACCAGAAACACAGTGTGT
 R C D S G E V E L S P C T T T R N T V C
 550 570 590
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 Q C E E G T F R E E D S P E M C R K C R
 610 630 650
 ACAGGGTGTCCCAGAGGGATGGTCAAGGTGCGTGATTGTACACCCTGGAGTGACATCGAA
 T G C P R G M V K V G D C T P W S D I E
 670 690 710
 TGTGTCCACAAAGAATCAGGCATCATCATAGGAGTCACAGTTGCAGCCGTAGTCTTGATT
 C V H K E S G I I I G V T V A A V V L I
 730 750 770
 GTGGCTGTGTTTGTGCAAGTCTTTACTGTGGAAGAAAGTCCTTCCTTACCTGAAAGGC
V A V F V C K S L L W K K V L P Y L K G
 790 810 830
 ATCTGCTCAGGTGGTGGTGGGGACCCTGAGCGTGTGGACAGAAGCTCACAACGACCTGGG
 I C S G G G G D P E R V D R S S Q R P G

FIG.1A

850 870 890
 GCTGAGGACAATGTCCTCAATGAGATCGTGAGTATCTTGCAGCCCACCCAGGTCCCTGAG
 A E D N V L N E I V S I L Q P T Q V P E
 910 930 950
 CAGGAAATGGAAGTCCAGGAGCCAGCAGAGCCAACAGGTGTCAACATGTTGTCCCCCGGG
 Q E M E V Q E P A E P T G V N M L S P G
 970 990 1010
 GAGTCAGAGCATCTGCTGGAACCGGCAGAAGCTGAAAGGTCTCAGAGGAGGAGGCTGCTG
 E S E H L L E P A E A E R S Q R R R L L
 1030 1050 1070
 GTTCCAGCAAATGAAGGTGATCCCACTGAGACTCTGAGACAGTGCTTCGATGACTTTGCA
 V P A N E G D P T E T L R Q C F D D F A
 1090 1110 1130
 GACTTGGTGCCCTTTGACTCCTGGGAGCCGCTCATGAGGAAGTTGGGCCTCATGGACAAT
 D L V P F D S W E P L M R K L G L M D N
 1150 1170 1190
 GAGATAAAGGTGGCTAAAGCTGAGGCAGCGGGCCACAGGGACACCTTGTACACGATGCTG
 E I K V A K A E A A G H R D T L Y T M L
 1210 1230 1250
 ATAAAGTGGGTCAACAAAACCGGGCGAGATGCCTCTGTCCACACCCTGCTGGATGCCTTG
 I K W V N K T G R D A S V H T L L D A L
 1270 1290 1310
 GAGACGCTGGGAGAGAGACTTGCCAAGCAGAAGATTGAGGACCACTTGTTGAGCTCTGGA
 E T L G E R L A K Q K I E D H L L S S G
 1330 1350 1370
 AAGTTCATGTATCTAGAAGGTAATGCAGACTCTGCCATGTCCTAAGTGTGATTCTCTTCA
 K F M Y L E G N A D S A M S *
 1390 1410 1430
 GGAAGTGAGACCTTCCCTGGTTTACCTTTTTTCTGGAAAAAGCCCAACTGGACTCCAGTC
 1450 1470 1490
 AGTAGGAAAGTGCCACAATTGTCACATGACCGGTACTGGAAGAACTCTCCCATCCAACA
 1510 1530 1550
 TCACCCAGTGGATGGAACATCCTGTAACCTTTTCACTGCACTTGGCATTATTTTTTATAAGC
 1570 1590
 TGAATGTGATAATAAGGACACTATGGAAAAAAAAAAAAA

FIG. 1B

1	M	L	G	-	-	-	-	-	-	-	-	-	-	-	-	-	I	W	T	L	L	P	L	V	L	h Fas protein
1	M	G	L	S	-	-	-	-	-	-	-	-	-	-	-	-	T	V	P	D	L	L	P	L	h TNFR I Protein	
1	M	E	Q	R	-	-	-	-	-	-	-	-	-	-	-	-	P	R	G	C	A	A	V	A	A	DR3 protein
1	M	E	Q	R	G	Q	N	A	P	A	A	S	G	A	R	K	R	H	G	P	G	P	R	V	P	HLVXBX88XXprotein
13	T	S	V	A	R	L	S	S	K	S	V	N	A	Q	V	T	D	I	N	S	K	G	L	E	L	h Fas protein
14	V	L	L	E	L	V	G	I	Y	P	S	G	V	I	G	L	V	P	H	L	G	D	R	E	K	h TNFR I Protein
14	A	L	L	V	L	L	G	A	R	A	Q	G	-	-	-	-	-	-	-	-	G	T	R	S	P	DR3 protein
41	V	V	A	V	L	L	V	S	A	E	S	A	L	I	T	Q	Q	D	L	A	P	Q	Q	R	A	HLVXBX88XXprotein
53	H	H	D	G	Q	F	C	H	K	P	C	P	G	E	R	K	A	R	D	C	T	V	N	G	D	h Fas protein
52	P	Q	N	N	S	I	C	C	T	K	C	H	K	G	T	Y	L	Y	N	D	C	P	G	P	G	h TNFR I Protein
41	K	K	I	G	L	F	C	C	R	G	C	P	A	G	H	Y	L	K	A	P	C	T	E	P	C	DR3 protein
81	-	-	-	-	-	-	-	-	-	-	C	P	P	G	H	I	S	E	D	-	-	-	-	G	R	HLVXBX88XXprotein
93	D	K	A	H	F	S	S	K	-	-	C	R	R	C	R	L	C	D	E	G	H	G	L	E	V	h Fas protein
92	S	E	N	H	L	R	-	H	C	L	S	C	S	K	C	R	K	E	M	G	Q	V	E	I	S	h TNFR I Protein
81	W	E	N	H	N	S	E	C	A	R	C	Q	A	C	D	E	Q	A	S	Q	V	A	L	E	N	DR3 protein
105	T	H	W	N	D	L	L	F	C	L	R	C	T	R	C	D	-	-	S	G	E	V	E	L	S	HLVXBX88XXprotein
133	F	-	-	-	-	-	-	-	-	-	C	N	S	T	V	-	-	-	-	C	E	H	C	D	P	h Fas protein
131	Q	Y	R	H	Y	W	S	E	N	L	F	Q	C	-	-	-	-	-	-	F	N	C	S	L	C	h TNFR I Protein
121	W	F	V	E	C	-	-	Q	V	S	Q	C	V	S	S	P	F	Y	C	Q	P	C	L	D	C	DR3 protein
143	T	F	R	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	E	D	S	P	E	M	HLVXBX88XXprotein

FIG. 2A

241	T	L	S	Q	V	-	-	-	-	-	-	K	G	F	V	R	K	N	G	V	N	E	A	K	I	D	E	I	K	N	D	N	V	Q	D	T	A	h	Fas	protein			
358	T	L	Y	A	V	V	E	N	V	P	P	L	R	W	K	E	F	V	R	R	L	G	L	S	D	H	E	I	D	R	L	E	Q	N	G	R	C	L	R	h	TNFR I	protein	
335	-	L	Y	D	V	M	D	A	V	P	A	R	R	W	K	E	F	V	R	T	L	G	L	R	E	A	E	I	E	A	V	E	I	G	R	-	F	R	DR3	protein			
312	C	F	D	D	F	A	D	L	V	P	F	D	S	W	E	P	L	M	R	K	L	G	L	M	D	N	E	I	-	K	V	A	K	A	E	A	G	H	R	HLV	BX88XX	protein	
272	E	Q	K	V	Q	L	L	R	N	W	H	Q	L	H	G	K	K	E	A	-	Y	D	T	L	I	K	D	L	K	K	A	N	L	C	T	L	A	E	K	I	h	Fas	protein
398	E	A	Q	Y	S	M	L	A	T	W	R	R	T	P	R	R	E	A	T	L	E	L	L	G	R	V	L	R	D	M	D	L	L	G	C	L	E	D	I	h	TNFR I	protein	
373	D	Q	Q	Y	E	M	L	K	R	W	Q	Q	Q	P	-	-	A	G	L	G	A	V	Y	A	A	L	E	R	M	G	L	D	G	C	V	E	D	L	DR3	protein			
351	D	T	L	Y	T	M	L	I	K	W	V	N	K	T	G	R	-	D	A	S	V	H	T	L	L	D	A	L	E	T	L	G	E	R	L	A	K	Q	K	I	HLV	BX88XX	protein
311	Q	T	I	I	L	K	D	I	T	S	D	S	E	N	S	N	F	R	N	E	I	Q	S	L	V																h	Fas	protein
438	E	E	A	L	-	-	-	-	-	-	-	C	G	P	A	A	L	P	P	A	P	S	L	L	R																h	TNFR I	protein
410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	S	R	L	Q	R	G	P																		DR3	protein		
390	E	D	H	L	L	S	S	G	K	F	M	Y	L	E	G	N	-	-	A	D	S	A	M	S																	HLV	BX88XX	protein

FIG. 2C

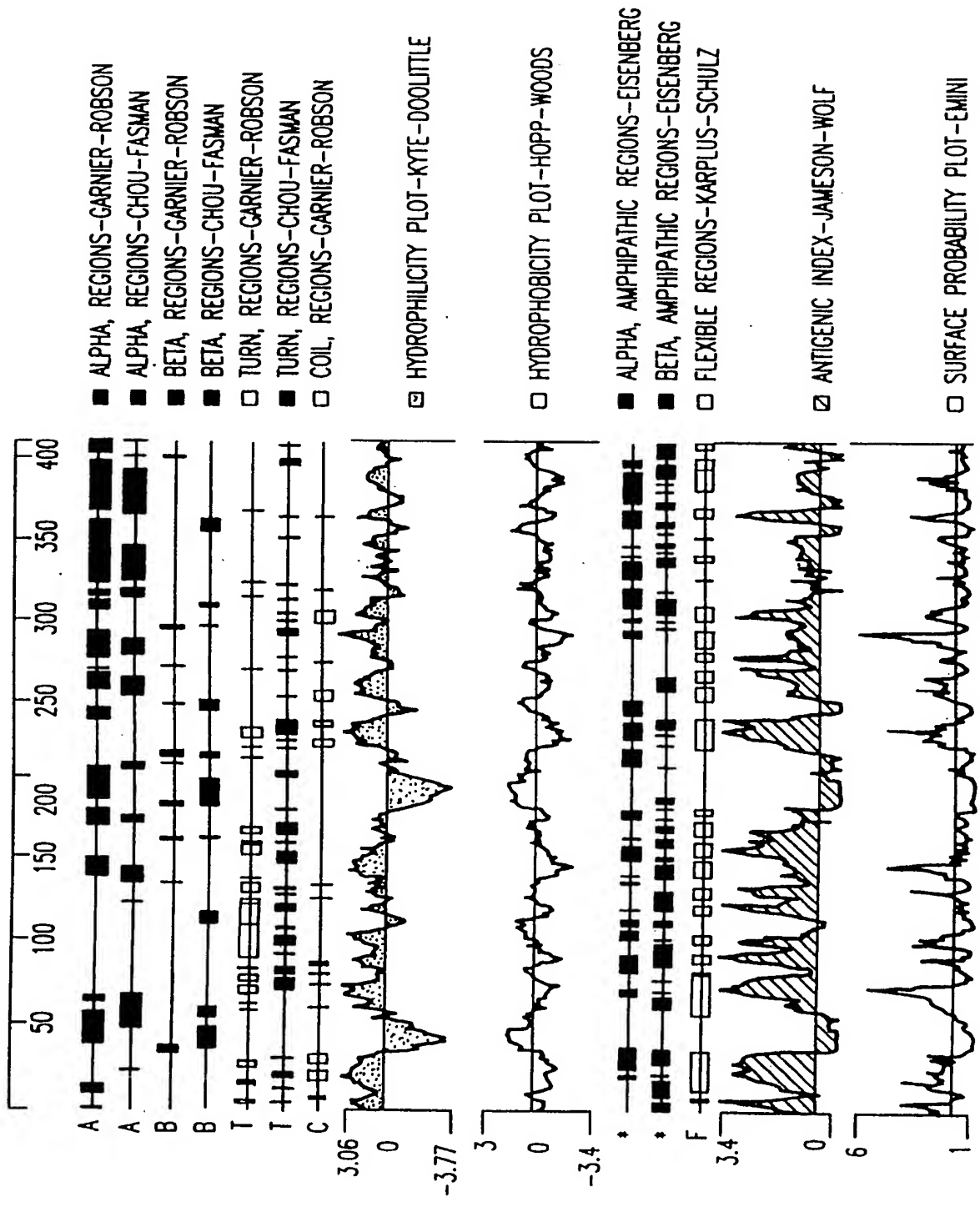


FIG.3

HAPBU13R

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  1 AATTCGGCAC AGCTCTTCAG GAAGTCAGAC CTTCCCTGGT TTACCTTTTT
 51 TCTGGAAAAA GCCCAACTGG GACTCCAGTC AGTAGGAAAG TGCCACAATT
101 GTCACATGAC CGGTACTGGA AGAAACTCTC CCATCCAACA TCACCCAGTG
151 GNATGGGAAC ACTGATGAAC TTTTCACTGC ACTTGGCATT ATTTTTGTNA
201 AGCTGAATGT GATAATAAGG GCACTGATGG AAATGTCTGG ATCATTCCGG
251 TTGTGCGTAC TTTGAGATTT GNGTTTGGGG ATGTNCATTG TGTTTGACAG
301 CACTTTTTTN ATCCCTAATG TNAAATGCNT NATTTGATTG TGANTTGGGG
351 GTNAACATTG GTNAAGGNTN CCCNTNTGAC ACAGTAGNTG GTNCCCGACT
401 TANAATNGNN GAANANGATG NATNANGAAC CTTTTTTTGG GTGGGGGGGT
451 NNCGGGGCAG TNNAANGNNG NCTCCCCAGG TTTGGNGTNG CAATNGNGGA
501 ANNNTGG

```

HSBBU76R

```

  1 TTTTTTTTGT AGATGGATCT TACAATGTAG CCAAATAAA TAAATAAAGC
 51 ATTTACATTA GGATAAAAAA GTGCTGTGAA AACAAATGACA TCCCAAACCA
101 AATCTCAAAG TACGCACAAA CGGAATGATC CAGACATTTC CATAGNGTCC
151 TTATTATCAC ATTCAGCTTA TAAAANTAAT GCCAAGTGCA GTGAAAAGTT
201 ACAGGATGTT CCATCCACTG GGTGGATT

```

FIG.4

FIG. 5A

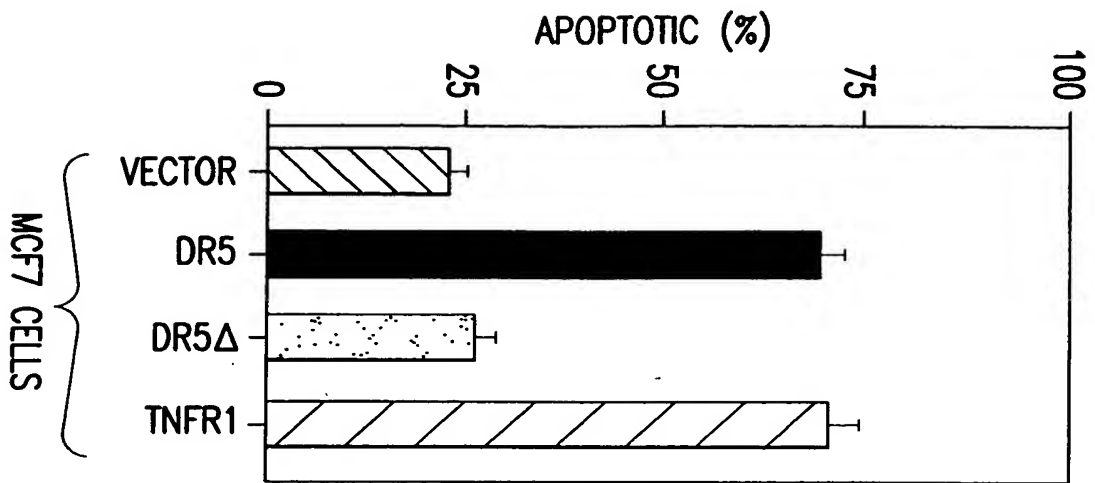


FIG. 5B

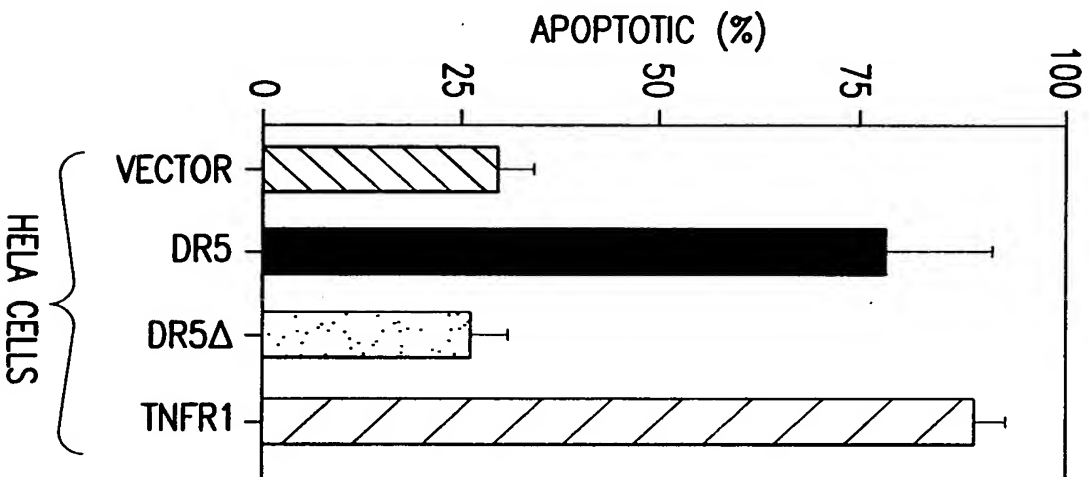
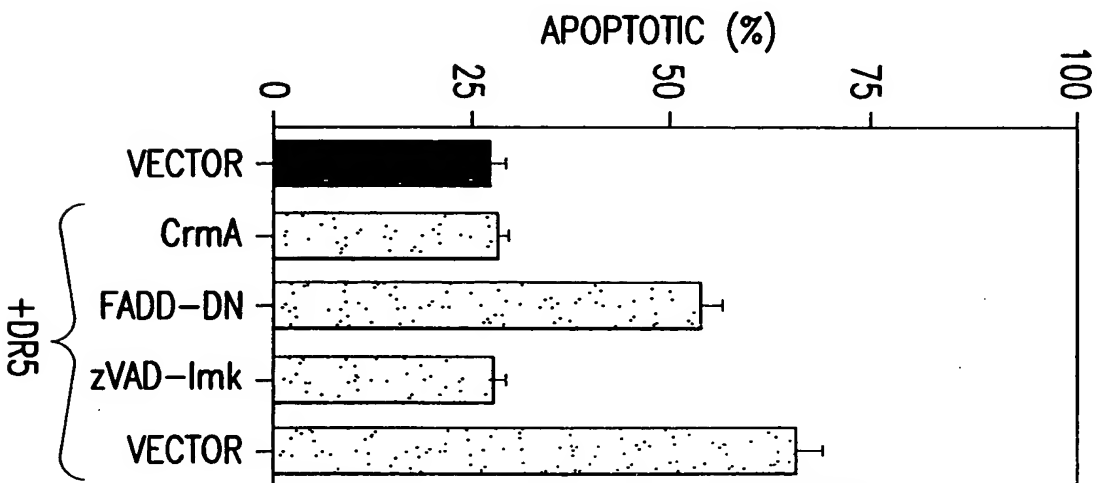


FIG. 5C



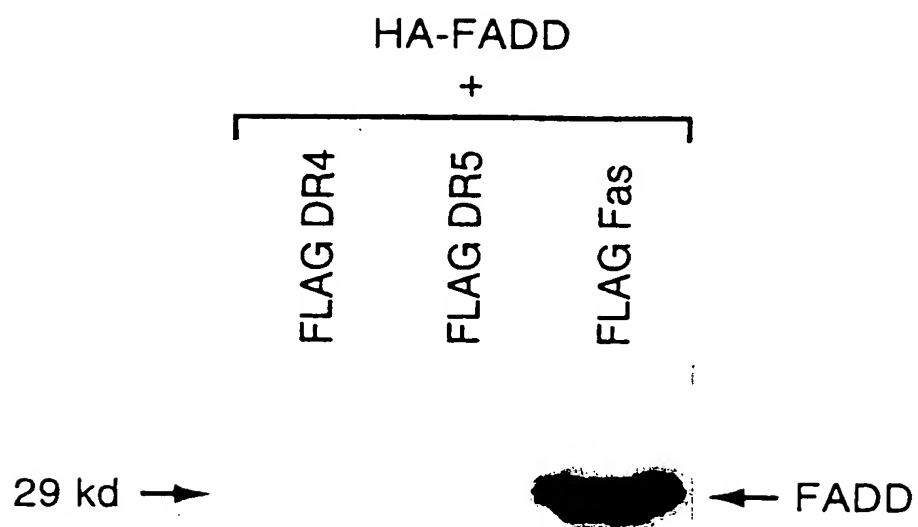
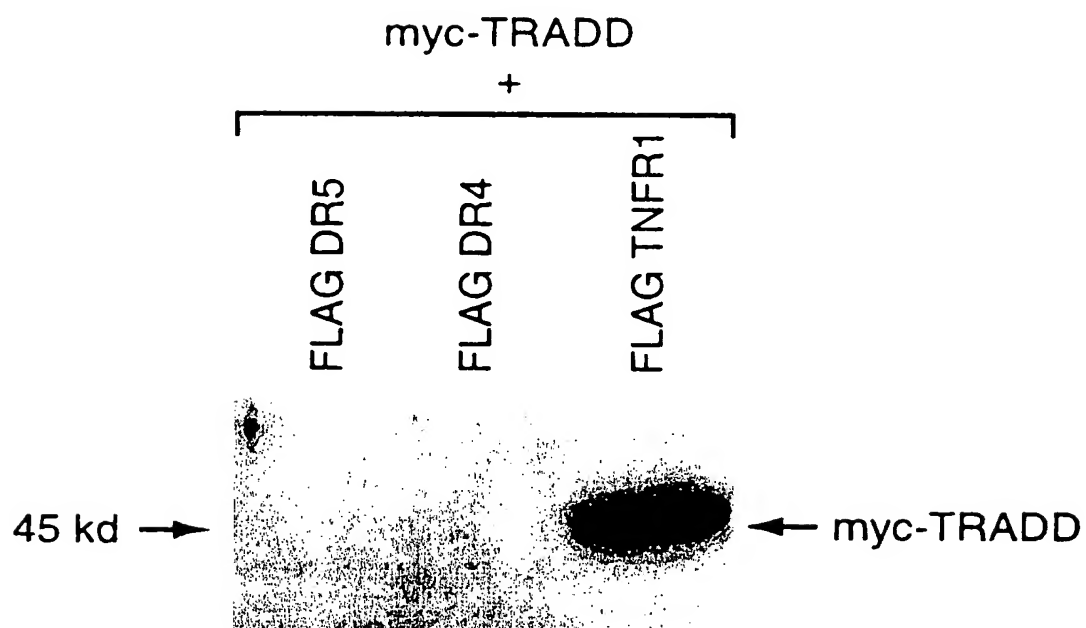


FIG.5D



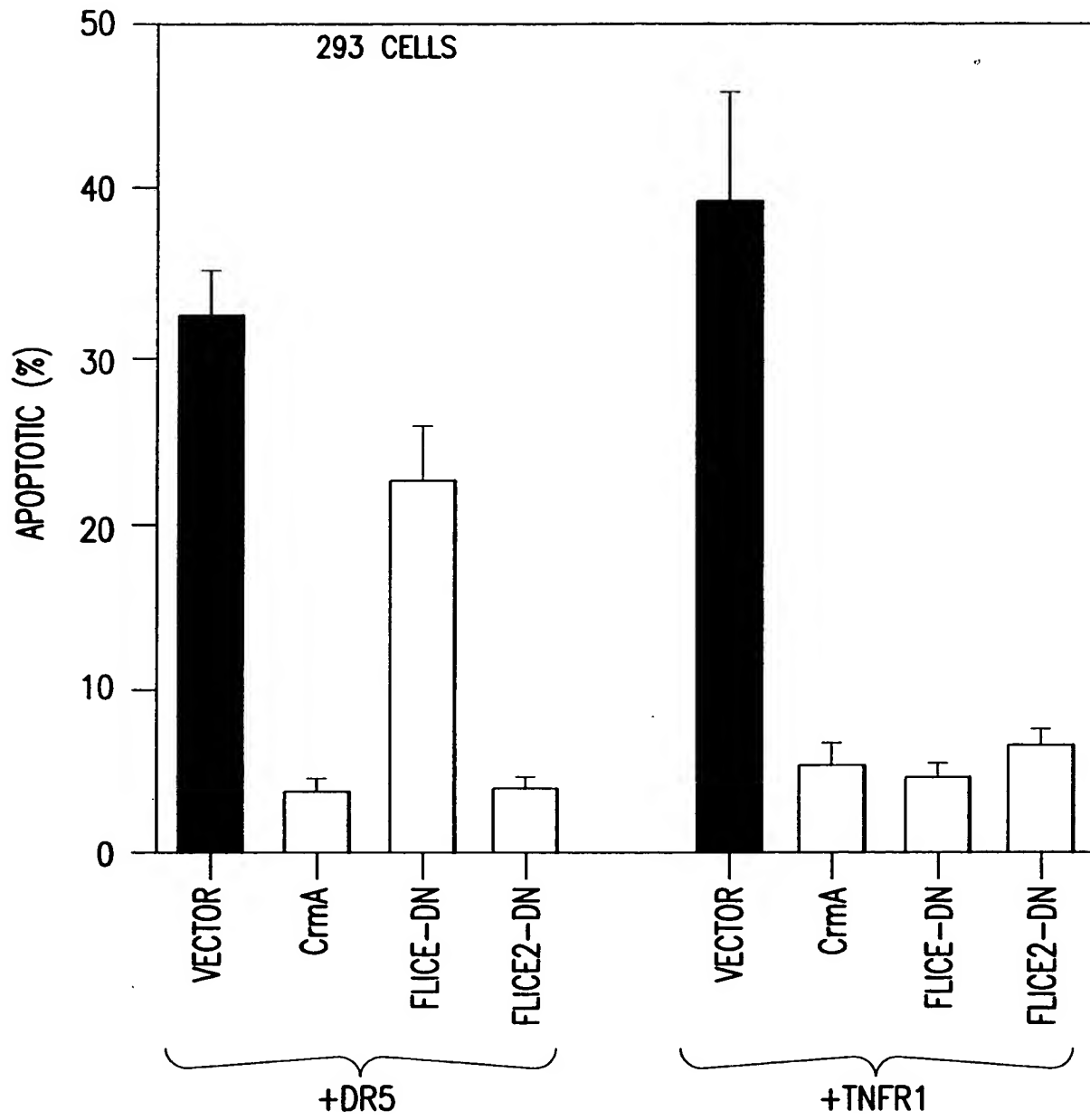


FIG. 5E

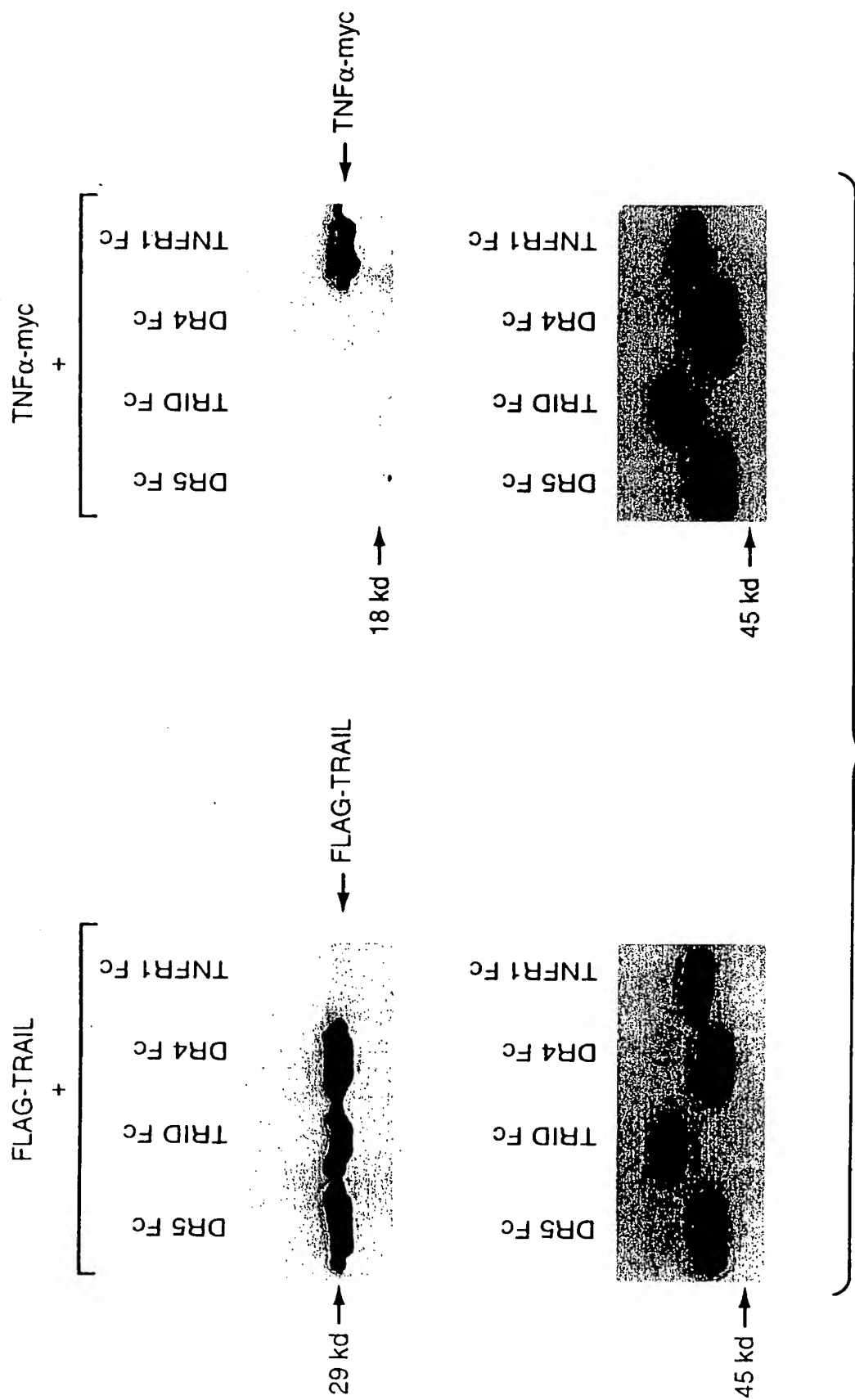


FIG.6A

